





ENTERPRISE INFORMATION SYSTEMS DEPARTMENT OF THE NAVY

PMW-205 Naval Enterprise Networks (NEN)

Closing Brief and Summary Remarks

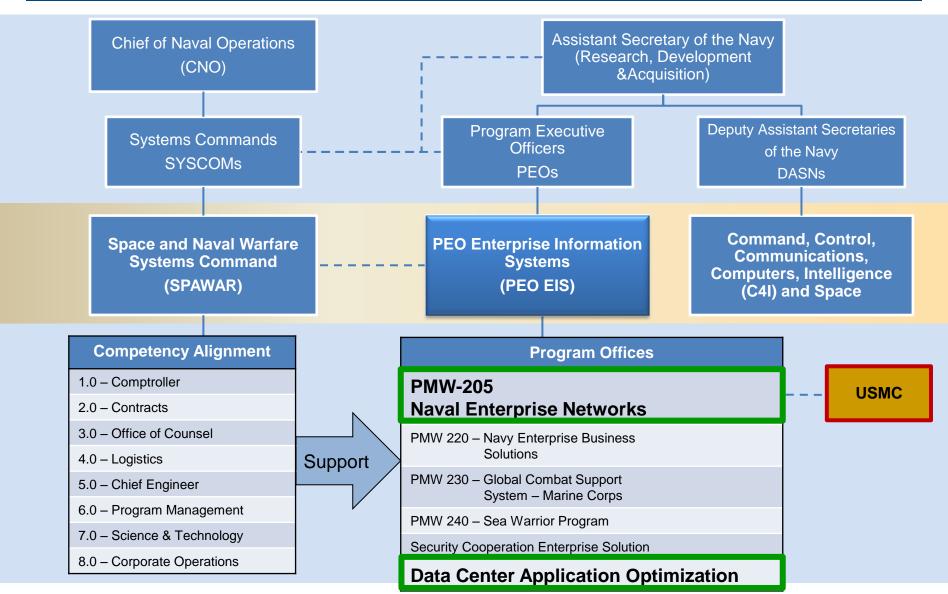




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Naval Enterprise Networks (PMW-205)
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DoN Acquisition Org Excerpt





Naval Enterprise Networks

CHARTER

- Provide enterprise IT infrastructure and services to Navy and USMC personnel
 - Navy Marine Corps Intranet (NMCI) via NGEN contract
 - Base Level Information Infrastructure (BLII) for OCONUS Network (ONE-Net)
 - Support to USMC via NGEN

PORTFOLIO

- NGEN -- 34 services, 700,000+ users, +2,500 sites for NMCI management and ops
- OCONUS Enterprise Network (ONE-Net) -- 14 major sites, 30,000+ users
- Global Piers Connectivity -- 18 CONUS and 8 OCONUS sites

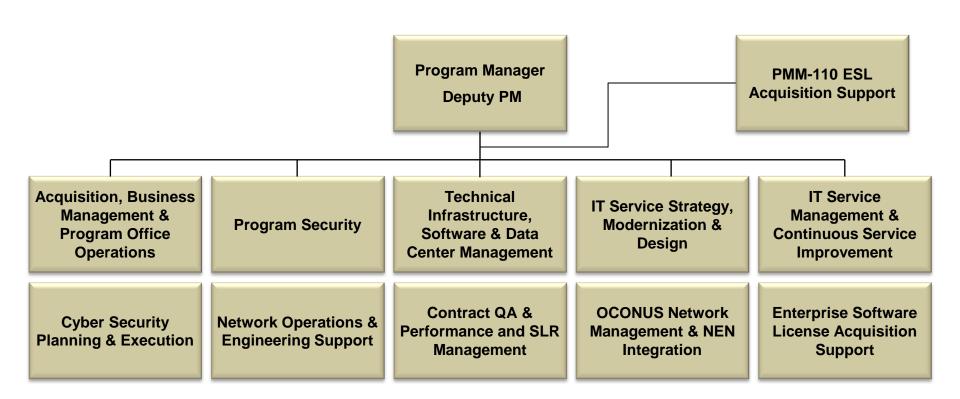
PRIORITIES

- Support the operations and defense of the network
- Transition ONE-Net fully into the NEN Operating Model
- Optimize the people, processes, tools and technology to effectively deliver the Navy's networks in partnership with mission partners and fleet users
- Enhance existing capability while planning the future network architecture

Full Life Cycle Responsibility for CONUS and OCONUS network services



PMW 205 Organization Functional Areas



Program organization intended to allow effective management of all areas of network service provision to meet a global Navy need

^{*} TRMP = Technology Refresh and Modernization Program



History of NMCI

Improving network



The Evolution of NMCI

NMCI matured over a 15 year journey with an end goal of providing the DON with secure, efficient, and affordable IT capabilities to DON users.

security through multiple efforts and GO/CO - achieved full government C2 and increased aligning to JIE/JRSS. network situational awareness. Security Optimizing the business Increased focus on model to balance speed, enterprise cyber security. security, capability, cost-effectiveness, and CO/CO -**NGEN** availability at scale and Regional Increased Competition meet fleet requirements capabilities for CO/CO - transition government Local government C2 to enterprise insight into network of networks. network security C2 of security standards network. 2010 - 2014 Pre-2001 2014 - Future 2001-2010 Pre-NMCI: The Wild West **NMCI:** Build the Enterprise CoSC: Obtain the infrastructure NGEN: Secure, Integrated, Agile

Hundred contract lengths.

Hundreds of networks and contracts of various lengths.

Delivered enterprise services to include EUHW, Cell phones, pagers, Enterprise Applications, hosting, etc.

Improved enterprise services: Tablets, Blackberry, WiFi, operating systems, Tiered Storage, virtualization, and refreshed PCs Evolved enterprise services such as HVD, Win 7, Office 2010, DoD Visitor, Enterprise GAL.



Future transition flexibility increased with service model structure.

Transition Complete

> Modernizing: MPLS and QoS, JRSS, storage upgrades, cloud planning, BYOD planning, iPhones, Androids, UC, 10G network).

Capabilities

DISTRIBUTION STATEMENT A. Approved for public release.

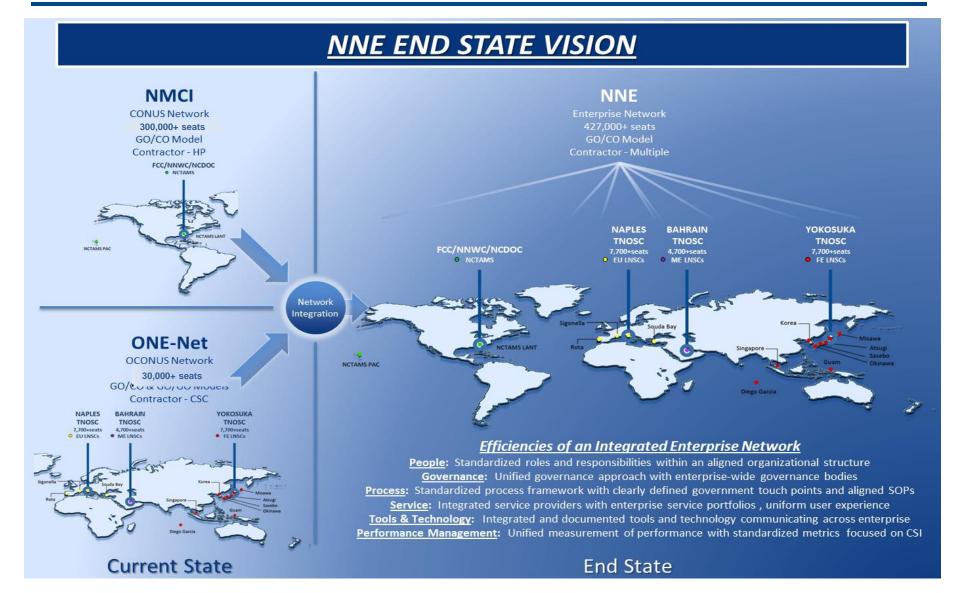
Enabled

competition &

transition flexibility by purchasing IF/IP.

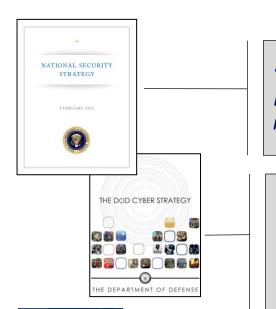


A Global Navy Network





The Network is a Mission Enabler



"Our military will remain ready to deter and defeat threats to the homeland, including against missile, cyber, and terrorist attacks, while mitigating the effects of potential attacks and natural disasters."

"We live in a time of growing cyber threats to U.S. interests. State and non-state actors threaten disruptive and destructive attacks against the United States and conduct cyber-enabled theft of intellectual property to undercut the United States' technological and military advantage.

"Cyberspace will be operationalized with capabilities that span the electromagnetic spectrum – providing superior awareness and control when and where we need it."

"Through the intelligent use of cyberspace, Navy warfighters will bring unique capabilities to the fight in order to achieve superior operational outcomes at the time and place of our choosing."



The Challenge

Deliver critical capabilities... ...to hundreds of thousands of end users...

...globally across multiple networks...

...involving many ...while complying stakeholders...

with dynamic requirements...

















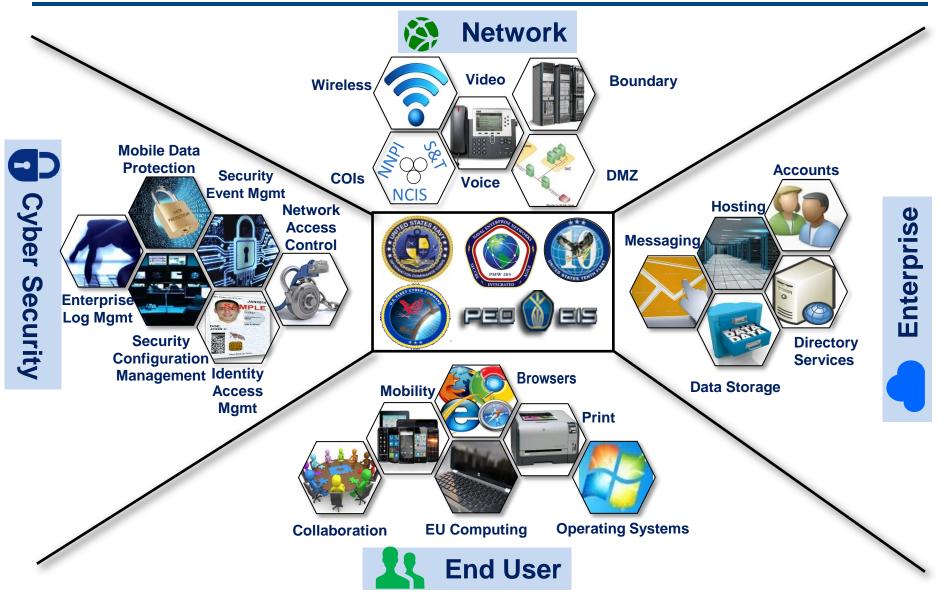


Enterprise

...in a budget-constrained environment on a network that is continuously under attack.



We Deliver Capabilities







- The Navy's NIPR and SIPR networks are critical to enabling Information Dominance and conducting our everyday mission
- The future of information technology must be forecasted as well as possible to help outline the most effective way to deliver new capability
- That added capability must be balanced with the need for security, cost effectiveness, high availability, scalability, and speed (both of the network and of new technology).

Thank you for your participation, your feedback, and your help in continuing to meet the Navy's network needs across the globe



QUESTIONS?